Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 24 Sep 2023 until 23:59 on Monday 25 Sep 2023

Forecast Issued on Sunday 24 Sep 2023 at 01:08

Confidence: High confidence for strong winds today, moderate for timing of rain. High confidence for a better day on Monday, then low for timing of a spell of heavy rain on Tuesday. Lower confidence for details of strong winds and heavy rain on Wednesday.

Headline for Sunday 24 Sep 2023: Cloudy, with spells of rain, locally heavy at times. Gusty winds on the summits.

Mountain weather hazards on Sunday 24 Sep 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Heavy Rain	Heavy Rain	Cloudy	Heavy Rain	Heavy Rain
Precipitation probability					
80%	80%	80%	20%	40%	60%

Forecast for Sunday 24 Sep 2023

Weather: Cloudy, with light rain and drizzle at first, becoming heavier late morning and early afternoon. The rain should clear to the north late afternoon, with most places becoming largely dry for a short time, albeit rather cloudy, with occasional brighter spells to the north and east of higher ground. Low cloud is likely to persist on the south and west facing summits throughout the day. A further band of rain, locally heavy, will arrive from the west this evening.

Chance of cloud-free hill tops above 600m: 40%

Low Cloud and visibility: Cloud bases down to 200-400m on southern and western facing slopes for much of the day, perhaps lifting towards 600m later. Visibility will be very poor in low cloud covering hills, poor in heavy rain, improving to good for a short time late-afternoon and early evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Sunday 24 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/29 S	20/28 S	25/35 S	26/38 S	29/42 S	33/48 S	25/37 SW
300	9/23 S	11/22 S	15/32 S	18/37 S	17/36 S	20/42 S	17/34 SW
Valley	9/24 S	11/23 S	13/31 S	13/32 S	17/37 S	20/43 S	14/32 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	12/9	13/9	13/9	13/8	12/7	11/7
300	12/10	14/13	15/12	16/13	15/12	14/11	14/10
Valley	14/13	16/15	16/14	17/15	17/14	16/12	15/12
Freezing Level*	2200m	2400m	3400m	2800m	2400m	3000m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds near gale force on the summits will mean difficult walking conditions with a risk of being blown off balance. Poor visibility in low cloud could make navigation challenging.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 24 Sep 2023	3.2mm	12mm	13.2mm

Forecast for Monday 25 Sep 2023

Weather: Low cloud lifting and tending to break as the day progresses, allowing increasing sunny spells and occasional showers. Any showers fading by late afternoon, becoming dry with clear spells to end the day.

Maximum wind: Southwesterly 35-40mph, gusting 45-50mph, becoming southwesterly 20-25mph, gusting 30-40mph.

Chance of cloud-free hill tops above 600m: 30%, improving to 90%.

Low Cloud and visibility: Cloud bases down to 300-400m at first, quickly lifting above the summits. Visibility will be very poor in low cloud at first, improving to become very good, and only briefly deteriorating in showers.

Temperature: **Valleys:** Plus 12 Celsius, becoming Plus 19 Celsius.
At 600m: Plus 9 Celsius, becoming Plus 12 Celsius.
Freezing level: Above the summits.

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